



# OREGON TUALATIN VALLEY



AMATEUR RADIO CLUB

Po Box 5132 Beaverton, Oregon 97006

EDITOR: AL BERG WB7SIC

Membership: 272

CIRCULATION: 320

President: Dave Parker  
Vice-Pres: John Haide  
Secretary: Linda Cereghino  
Treasurer: Warren Knight

W7LJN  
WA7CZA  
N7CZY  
N7BIJ

Trustee: Al Berg  
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Trustee: Warren Knight  
Trustee: John Koenig  
Trustee: Jerry Norman

WB7SIC  
KA7HJT  
N7BIJ  
NB7W  
ND7T

MEETING: 2nd WEDNESDAY BEAVERTON ELKS AT 7:00 p.m. (Dinner at 6:30 p.m.)

MEETING PROGRAM: COMPLETE PROGRAM DETAILS CAN BE FOUND ON THE BACK PAGE.

## XMAS PARTY

**Saturday, December 15**

**St. Bartholomew Episcopal Church**

**Center & SW 113th Beaverton**

**7:00pm**

**ENTERTAINMENT**

(see details on next page)



# OTVARC CHRISTMAS PARTY

Well folks, it's time to get out the festive attire and join the rest of us at the annual OTVARC Christmas party. This year we plan to put on a show you won't forget. The details are as follows:

The Christmas party will take place on December 15th at St. Bartholomews Episcopal Church. The church location is shown on the map inset seen at the bottom of the page. We will run through it here as well. The address is 11265 SW Cabot in Beaverton. For those of you who have not been to the church before, the easiest route to follow is to go to GI Joes at the Beaverton Mall which is on Cedar Hills Blvd.. Then drive east on SW Hall Blvd.. Make a left turn onto SW Center St. which is by the El Torito restaurant. Follow Center to the end where the road turns to the left and goes up the hill. The church is at the top of the hill on SW Cabot St.. Oh yes, don't forget! The party starts at 7:00 pm...

As far as festivities go, we will have a live entertainment group called "HARMONY HIGHTS" singing for us at 8:00 pm. This award winning BARBER SHOP QUARTET will fill the hall with harmony that should send chills down your back. Later in the evening our MC, Randy Stimson, KZ7T, will intro Roy Fritz. Roy is a professional magician as well as a ham operator. He plans to dazzle us with some of his talents. He might even pull a trick or two on LJN. Who knows. Don't forget your cameras!!!! The rest of the evening will be for socializing, eating and winning of some super prizes.

In the November newsletter we mentioned that you need to bring your pet buffet item. Examples would be small sandwiches, cold cuts, cheese and crackers, chips and dips, salads, deviled eggs, desserts or any other type of finger food items. THE CLUB WILL SUPPLY: Hot coffee, punch, ice, mixers, cups and all eating utensils. PLEASE label your dish or platter so it won't get lost. THIS IS A BYOB AFFAIR.

This has traditionally been an adult affair but all members and family are welcome. If you have a visiting mom, uncle or etc., feel free to bring them along. If you are single, bring a date. No problem. There will be drinking so keep that in mind when a child is involved. We have never had a problem with unruliness nor with a person underage taking advantage and would like to keep it that way.

Hope we have covered all the details for you. If you have any questions please call me, Paul Lucas, at 641-8703. Help support your club by coming to the party. We guarantee you will have a good time. PS: Dress is casual to semi-dressy. Fancy up if you like but don't feel that you must. HAPPY HOLIDAYS





WOW!

What you see here is your choice of HT to be given away at the Christmas party. Thanks to Antronics and Portland Radio, you will have the option of a Yaesu FT-203R or a new model of Kenwood called the TH-21AT. Both are very compact and a kick to operate and carry. Just another good reason to come and enjoy yourself at the clubs "BIG EVENT".



**THE LUCKY WINNER MAY BE YOU ! SEE YOU THERE.**

## ARRL NATIONAL CONVENTION

Several weeks ago a committee was formed to make application for holding of the ARRL National Convention in Portland in 1988. The committee met a short time ago and laid a few plans toward completing the application. A few of the people forgot about the meeting but things went ahead as planned with hopes of holding at least one more before formal application is made. At this time, four local area clubs are involved with more to be asked to take part. Kim Dewey of the Portland Convention Bureau was there to give a presentation on what help might be expected from them as well as to let us know exactly which hotel/motel complexes in the area have the capability of handling large banquets and still have space for exhibits, seminars and all of the other necessary amenities. After application is made and if it is accepted, the heavy gears will start to turn. How this will affect our Oregon State Convention is, at this time, unknown. I say this because yours truly got tabbed to chair the hoped for National. I can't help but feel honored and excited about the prospect of playing a part in such an ambitious undertaking. Fortunately, several clubs in the area, as well as OTVARC, have experience in staging conventions and hamfairs. If we are so fortunate as to succeed in our bid, we can look forward to putting on one of the best, if not THE best, conventions the League has seen!!! You can count on it..... WB7SIC



# The long and short of a call

George Leone, K6SG

One day, while listening across the 20-meter/CW band, I came across a station calling CQ and decided I would give him (or her) a call, being in the mood for a good ragchew. After three CQs I expected to hear his call, but didn't, so I waited for one or two more. When he didn't sign, I decided to start counting how many CQs he would send before he signed his call, just for the fun of it! I was just about to give up after the 38th CQ when he signed his call. The urge was to answer him and read him off. Then I decided that maybe it was best to leave him alone. After all, I have been guilty of calling at least four consecutive CQs before signing my call, haven't you? And maybe four CQs is a long call for someone listening! So, what is a "long call"? I suppose it depends upon who's calling, who's listening and the conditions prevailing at the time.

If you listen around much, you'll find that the length of a CQ call is often related to the response. The first CQ may be two series of  $3 \times 2$  or  $3 \times 3$ . No response! Next CQ call will invariably be longer, probably like series of  $5 \times 3$  or more. No response! The next call will be even longer, etc. But if a response is received on that first CQ, when that QSO is over, chances are you will hear QRZ?, which will prompt another reply! Why is it so difficult, then, to limit CQ calls to, say, one or two series of  $3 \times 2$ ,  $3 \times 3$  or even  $2 \times 1$  calls? If you don't get results on the first round, keep sending these short calls. The results will be gratifying.

Of course, it's an entirely different ballgame when calling in a pile-up. It seems that one prevalent belief is that if you're the last one to stop calling, you're the one the DX station will answer! Maybe yes, and maybe no. Yes, I suppose, if you happen to be "King of the Mountain" of QRM and obviously the only call the DX station can get out of the mess. But most likely no, because he will have already picked out a call and gone ahead with the QSO while you're still calling, much to the consternation of all listening.

A long call in a pile-up may consist of sending one's call more than two times. Often, these long calls prompt a series of actions not exemplary of good operating practices, such as calling the offending station "Lid," "SOB" and other expressions of despair which I will not repeat. This additional QRM adds salt to the wound, and occasionally some disgruntled individual will deliberately QRM the DX station's frequency. And, as you well know, QRM begets QRM. Along comes the well-meaning person with "Pse QSY"; another with "you lid QSY" etc., etc., etc.

and now nobody can work the station!

Somehow, things usually get back to normal, thanks to the majority of operators who have kept their COOL!

Long calls or CQs do not get replies from me. By the time the long calller signs, I can find another station and be in QSO. Even if conditions are poor, one or more short calls are more likely to produce results before one long call.

Equaling or exceeding the effect of the "long call" is the "sloow looong caaall." Generally, most operators transmit at speeds they are capable of receiving. Some callers believe the slower and longer they call, the more apt a DX station is to hear them. (I used to think so. I remember in the early '30s when I was just a kid, I'd stay up when the moon was full, to work DX in the small hours of the morning, with 10 watts, straight key and Zepp antenna. I'd send those long, slow CQs. I felt great, but I don't think I worked any more or better DX than if I had sent at my usual 18-20 wpm! And sent shorter CQs! Live and learn.)

I have found that sending one's call once or twice at the DX station's speed on CW, or once phonetically, consistently produces results.

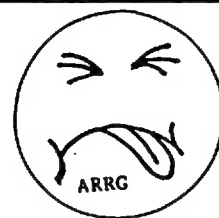
It is a good idea to listen for a moment or two before entering into a pile-up to get the pattern of the operation. Generally, in a contest it is best to give your entire call rather than just the suffix letters. If he misses part of your call, he will let you know. If he comes back with your full call, all you have to do is give him the exchange and you are both off and running.

In routine DX pile-ups, you play as the DX station desires. Some take suffix letters from four, five or more stations and then call the roll. Give yours once or twice at well-timed points, and you will be almost sure to get on the roll call. DX stations working one station at a time generally prefer your full call. If he is picking out suffix letters only, the first time around, he will generally say so. If he is working by districts, wait for him to call yours, as painful as it may seem to wait.

No "tail" about the long and short of a call would be complete without a few words about "tail-ending." Now, what is "tail-ending"? Some operators believe tail ending can take place any time after a QSO has started — i.e., at the start, middle or end of a QSO. So they begin to drop their calls anytime they feel like it, whether the DX station is listening or transmitting doesn't seem to matter. You know what happens. Everybody starts to call and the result is bedlam and often, the DX station is driven off the air! If the DX station is working tail-enders, the appropriate time to drop one's call in would be when the station being worked is signing off on the QSO and not before.

All of us know how to operate, but I'll wager there isn't one of us who hasn't, at one time or another in our ham careers,

crossed the line into the area of poor operating practices. With more and more active operators, if we follow simple, good operating procedures, we can all benefit. How about it? I'll try harder. Will you? □



Listed below are the new ARRG 900 series codes for use on the 7.32 and 7.04 rpters. Some are in effect now and others will be shortly. These codes are open for all to use. Simply hit a star, as shown, and the correct # for access. PLEASE don't use the 911 unless it is a LIFE THREATENING situation. There has been few misuses but we do occasionally get a report on a stalled car, which is off the highway and not any threat to traffic. Use good judgement with the 911 number. If at all possible, when encountering an accident, stay at the scene until the radio dispatcher has all of the needed info. If you happen to be at the scene of a local saloon shootout that is a different matter. Best to jump on old Paint and get the \$%¢ out of there! Tnks.

## EMERGENCY CODES

- ★910 Clark Co. emergency
- ★911 Wash. Co. emer. dispatch
- ★912 Portland emergency
- ★931 Wash. Co. dispatch
- ★932 Multnomah Co. dispatch
- ★934 Clackamas Co. dispatch
- ★935 Clark Co. dispatch
- ★936 Yamhill Co. dispatch
- ★938 Columbia Co. dispatch
- ★951 Oregon St. Pol. - Salem
- ★952 Wash. St. Patrol - Vanc.
- ★953 Oregon St. Pol. - Portland

Note: Coast Guard numbers are for emergency use only.

- ★961 Coast Guard - Portland
- ★962 Coast Guard - Astoria
- ★963 Coast Guard - Tillamook
- ★971 Weather
- ★972 Air Weather
- ★973 O. S. P. Road Report
- ★979 Time



## ARRL 7th DIVISION ELECTION RESULTS

Many of you have heard the results but for those of you who have reclusive tendencies, here is how things turned out. Mary Lewis won out over Joe Winter and Gib Gibson. The vote tally was about like this: 1535-1179 and 1091 respectively. The Vice Director race resulted in Rush Drake coming out on top with our own Bob Orr second and Armond Pilotte of Hoodview third. The tally was: 1839-1364 and 576. Congratulations to the winners and lets hope that the masses will give support to you

in endeavors to make amatuer radio a 'better place to be' in the future.

I am guilty of forgetting how many ARRL hams there are in the 7th division but it seems like I recall that there are in the area of 8000. At least that many. When you consider that you do not have to drive to the polls to vote, why do so few take the two minutes required to fill out a ballot? About 3800 voted in the election.....

## VOLUNTEER EXAMINATION UPDATE

It appears that things are going well with the new method of testing. Kind of early yet to see how it will work when it really gets crowded. The FCC was to make the Nov. testing the end for them but they extended to one more session to be held in February. When they stop and all of the testees are assembled at the Sylvania campus, things may be a little more hectic. The Northwest Amateur Radio Council has been very busy putting together a good comprehensive program to insure a smooth testing session. I would like to put the Councils meeting minutes in our 'letter' but they have been quite dated so far. The details of the January test session, as an example, were acquired two weeks from our printing deadline for this newsletter. Signup for taking a test at the January session was Dec. 5, which was the night the 'letter' was put together for mailing. As time passes and the dust settles out, we will have more advance notice so that you can rely on your newsletter for up to the minute news.



### STOLEN RADIO REPORT

ICOM 245 with SB. Serial #3812  
ODL on case. Judy at 771-4667  
Yaesu FT208R. Serial #2K210462  
Bob at 656-4554

Kenwood 7950 & MC46 mic.  
Serial #4050280. Call Portland  
Radio at 228-8647

ICOM 2AT. Serial #44650. Ron  
Gould, KD7RJ.

Yaesu FT290R all mode 2m rig.  
Serial #1H031820 + a Mirage B108  
amp with remote control head.  
Win Tatro at 246-9865.

\*Kenwood TS130 and AT130 tuner.  
scribed with ND 0530200273.  
Call Portland Radio at 228-8647.

\*Yaesu 227R 2m rig and Motorola  
speaker. Name on inside and  
outside of case. Call Andy,  
WB7RKU, at 760-3873.

\* indicates stolen recently.

At a most recent NARC meeting, club contact people were appointed. They will be the people to call should you have any testing procedure questions.

OTVARC	Ralph Karls	WB7VGS	649-5845
HOODVIEW	Armond Pilotte	WA7IIM	760-2140
CARC	Dea Cox	KX7T	632-4734
PARC	Lea Ball	AL7W	777-1032

### STOLEN RADIO REPORT

I am happy to report that a couple of local clubs have made a habit of including the report in their newsletters. This is very encouraging. No? If you have ever been ripped off you might have some positive input on the subject. Lethargy can be quite comfortable but costly. Mark your gear, be alert to 'good deals' either in a pawn shop or on the air. We can't memorize serial numbers but we can be responsive when we hear of gear for sale at a ridiculous price. If you do, check the STOLEN RADIO REPORT and see if there is a similarity. If there is, call the appropriate number and pass on the info. Tomorrow it could be YOU.....



# PORTLAND RADIO SUPPLY

We suggest the following...

great Christmas Gifts!

## Turners/Heters

3.5-150 MHZ 15/150V BACKLIT	71.60
1.8-60 MHZ 200/2KV SUR	69.95
1.8-150 MHZ 20/200/2KV SUR	112.95
BLACK-PANEL TUNER *NEW*	89.95

## VHF Gear/Accessories

12V CORD/PLUG-1COM HANDHELDS	9.50
DC ADAPTER - 1COM HANDHELDS	17.50
SPKR MIC - 1COM HANDHELDS	34.50
HEADSET / 1COM HANDHELDS	19.50
VOX UNIT FOR HS10	19.50
PTT SWITCH FOR HS10	19.50
"BIANCHI" LEATHER CASE/2AT	34.50
MOBILE SUPPLY TR2500/TR2600A	42.95
SPKR MIC KENWOOD HANDHELDS	34.95
QUICK-CHARGER-KENWOOD PACKS	89.95
0.4V PACK - 3U - 02AT	62.50
QUICK-CHARGER - 1COM PACKS	69.00
VHF CONVERTER 150-169/147	34.95

## VHF Amplifiers

2M AMP - 30W OUT W/PREAMP	94.95
2M AMP - 30W OUT/TR2600A	89.95

## Shortwave Receivers

BOOK-SIZE AM/FM/SW RECEIVER	79.95
GEN. CVG. RECEIVER	359.95
GEN. CVG. RECEIVER W/CLOCK	449.95
GEN. CVG. RCVR-MEM/SCAN/VHF	539.95
TOP LINE GEN. CVG. RECEIVER	729.95

* TXC R11	
* TXC R400	
* TXC R1000	
* TXC R2000	
* ICM R71A	

## Antennas/Accessories

* AEA ISOPOLAR 2M ANT	49.95
* TLX 3555	49.95
* V-2 2M COLLINAR ANT	49.95
* LAR KD4136H0	19.00
* LAR KD4147H0	19.00
* AEA HRT	19.00
* 1/2 WAVE TELESC. ANTENNA 2M	19.95
* 2 POS SW 10 600 MHZ	23.10
* KU DUMMY LOAD W/OIL	44.95

## Books/Maps/Aids

* ARL 1	15.00
* 1985 RADIO AMATEUR HANDBOOK	15.00
* 1985 US "THE CALLBOOK"	21.95
* 1985 DX "THE CALLBOOK"	20.95
* CALL DIRECTORY (ARL)	15.75
* NAME INDEX CALLBOOK (ARL)	25.00
* GEOGRAPHICAL INDEX CALLBOOK	25.00
* MAP COLLECTION (LIBRARY)	4.50
* SATELLITE EXPERIMTR'S HANDBK	10.00
* REPEATER DIRECTORY-ALL BAND	2.00
* LOG BOOK "STANDARD"	1.75
* LOG BOOK "MINI-MOBILE"	1.00

## CU Accessories

* AEA DDX-64	129.95
* "DOCTOR-DX" CU SIMULATOR	59.95
* BENCHER CHROME PADDOLE	65.00
* IAMBIC KEYS	

## High Frequency Aids

* TXC HS4	19.95
* HEADPHONES	19.95
* DX/ERS EDGE OPENINGS CHART	69.95
* PHONE PATCH - ALL R16	

Shop early, while supplies last!

228-8647

1234 SW Stark St. • Portland, OR 97205

\*\*\* STILL STUMPED? - HOW ABOUT A PORTLAND RADIO GIFT CERTIFICATE? \*\*\*





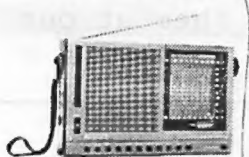
**PORTLAND RADIO  
SUPPLY**

*Santa's Specials*



**RM-11 by  
KENWOOD**

FM-AM-SW  
Portable Receiver



**SALE: \$79<sup>95</sup>**  
List: \$119<sup>95</sup>

**MFJ 313  
CONVERTER**



**HEAR:**

- Police
- Fire
- Mob. Tel.
- Weather

... On your 2 Meter HT!

**\$34<sup>95</sup>**  
List: \$43<sup>95</sup>

**KENWOOD**

**TH-21AT**

**"POCKET  
RADIO"**

List: \$229<sup>95</sup>

Special Introductory  
price...

**\$199<sup>95</sup>**



**"DOCTOR DX"**

Most Talked-about  
Family Fun Computer Game!

**SALE: \$129<sup>00</sup>** List: \$149<sup>95</sup>

• **FREE** Candy Canes  
for the kids,  
while you shop!

• **CALL** your order in,  
We'll ship,  
the same day!

**MFJ 941D**  
300 Watt Antenna Tuner



**SALE: \$89<sup>00</sup>**  
List: \$104<sup>00</sup>

**DAIWA 2-position  
Antenna Switch**  
Useable to 600 MHZ!



**\$23<sup>10</sup>**



*Shop early, while supplies last!*

**228-8647**

1234 SW Stark St. • Portland, OR 97205





## WELCOME

We welcome four new members this month. The first to mention is Cliff Baker, K7RYH, a doggie doctor all the way from Gladstone. He and wife Nan, N7ACH, enjoy a little gardening and photography. Cliff is also into a couple of national lodges and enjoys social outings.

Bill Clark, KA7TIN, is an accountant who likes to ski and sail with his wife Sondra. Hope we got the call right Bill. Accountants tend to scribble. Stan Weinstein, KX7Y, is an attorney from Lake Oswego. He and wife Nancy enjoy skiing and sailing. Stan has volunteered some of his time to serve as an ARRL legal council representative. VERY commendable. Bill Winton is a tech but has not received a new call yet. Bill is in the sales game and amateur radio is the hobby. No time for others. Bills wife Leslie takes care of their Beaverton home. Hope you all enjoy OTVARC.....

### UPGRADES AND NEW CALLS:

Hanford Van Ness got his advanced and decided to change calls. He traded the old cumbersome call of N7CNW for a quicker and easier QSO exchange. 'Van' can now be heard as KE7BB....

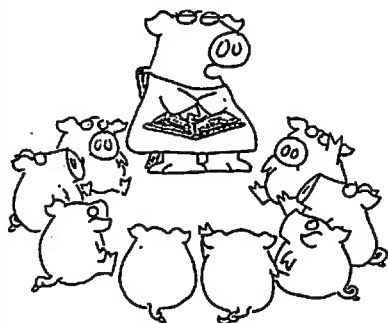
Susan Benson, N7EPE, went from tech to general so she could work WABS. A round of claps to both of you. Nice going.

### BREAK BREAK BREAK

Somewhere back in time the word BREAK came into being to denote that the BREAKING station had an emergency of some sort. It is not a dictated FCC ruling, just a recognized agreement among hams. It is interesting to note that quite often when a ham is asked why he or she uses the term BREAK to interrupt a QSO, that person will tell you that BREAK is quicker to say and is more effective in 'getting in'. Supercalafragilistic would work as well as BREAK! People in QSO do not stop the motion of keying a mic when they hear a full word. They stop the reflex when a sound is heard. Such as W, N, A or K. B is no shorter or quicker! For those of you who left CB for bigger and better things, as I did, give some thought to adopting the habits of AMATEUR RADIO. It would go a long way in ensuring that the ham bands remain a dignified way to communicate. What new hams hear they repeat!!!! No big deal. Just something to think about..... WB7SIC

### CONSTITUTION AND BY-LAWS:

After over six years have elapsed, we finally have copies of club documents available to all. The Secretary will have a stack of them at our meetings. Pretty dry reading but if you are interested-come and gettumm!!

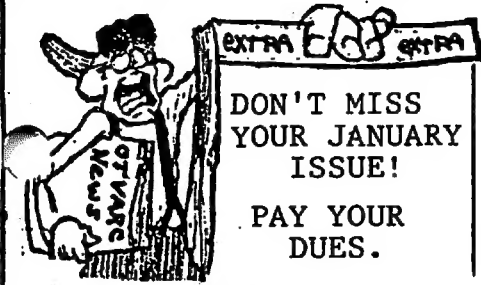


## **HAM — CLASSES**

WHEN? Novice on Monday, Jan. 7. Tech/General and Code Tuesday, Jan. 8. Time for all-7:00 pm.  
WHERE? Cedar Park Junior High off Cedar Hills blvd. in Beaverton.  
WHO? Novice by Randy Cobb, KA7HJT. Tech/Gen. by Bert Schmitt, W7JWG. Code by Doug McMurdo, W7XI.

It has been quite some time since we have offered a Tech/General course as interest has been low. It could be that we haven't advertised enough so this time the word will go out in spades. Notices will be placed on local merchants bulletin boards and announcements made on the various 2m nets. Perhaps we can fill a class to capacity! Talk it up and help the cause. Thanks to the tutors. It's a big job.....





## WELCOME

No matter how it is spelled, it means I am glad to see you. Come on in and be comfortable! In the case of our club, this has been hard to convey. Large numbers of people, who all SEEM to know one another, cause newcomers to feel a little like outsiders! It is a problem with large groups of any kind and one we certainly have. At the Elks, where we meet, they have dances every Friday and Saturday night. Each weekend there is a couple who act as a welcoming committee. "Come on in. Have any questions? Great! If you do just come on up and ask us. Have a nice evening and by all means, relax and feel at home." Get the idea? This is a problem that has been talked about, written about but not 'done about' and now we have a solution!! Doug Bull, N7CDI, and others, are working toward putting together a greeting committee. If they are successful, no longer will a new member or guest be left to fend for his or her self. We can continue beating on the Tom-Tom about getting active in club activities so as to become known but the truth is that many members just do not have time to do so. They come to a meeting, go away with a feeling of not belonging and return later only when a particular program seems to be appealing. Doug is to be congratulated for taking it upon himself to 'do something about a need.' Anyone want to help? Call 649-4540. Committee members names and calls will be in next months newsletter..... A BIG TNKS!

### TURBULENT TIMES - A GUEST EDITORIAL

by Bob Mc Kay, NSADA

Never in the history of amateur radio have there been so many proposed changes to amateur frequencies and proposals that would impact on amateurs as are being considered at the present time. New editors are having a time keeping up and sorting it out. It would be well for everyone to read the magazines and newsletters carefully, as what is happening today will affect our future as amateurs.

Historically, amateur radio operators have been one of the most complacent special interest groups around. We have believed somewhere, somehow, there was a great good father in Washington to look out for our interests. We assumed our frequencies were established there for us by the grace of God and were untouchable.

Well, if you still believe that, you re haven't been reading the news. The present proposals to turn over the 220 MHz band and half of the 160 meter band to commercial interests is indicative of the continuing press for our frequencies. The present climate in Washington that "big business must be served" is not going to make things easier for us.

You can be sure that the ARRL will be in there fighting for our interests. However, it is hampered by the fact that less than half of us support it financially.

We have shown we can get riled as we did on the code-no code issue and take action on an individual basis. There is going to have to be a lot more of this in the future if we want to maintain what we have. If the commercial interests find they can get one band from us they will increase pressure for more.

Many of you feel you cannot write letters but that is rarely the case. If you get concerned enough you can. From now on, our continued use of the bands will depend on how we as a group are able to defend our interests. Better get out that pen and paper.

Like your newsletter??

PAY YOUR DUES!!!

OR ELSE!

### YEAR END REMINDERS

ONE PERCENT REBATE: Be sure, when purchasing from Antronics or Portland Radio, that you tell the clerk to credit OTVARC. We get a 1% rebate to apply against raffle prize purchases. It adds up fast!!

ARRL DUES: Join or reup through the club as we get to keep \$2.00 for our own use. It can mean up to \$300.00 per year for (us) YOU... Don't forget-A second family member can join for only \$2.00..... We need SUPPORT!

CLUB BADGES: If you don't have a club jacket you should have a badge. Identification at meetings can help avoid embarrassing a person who knows you but 'just can't recall your name. They are cheap! See the Secretary and order one. Then be sure to wear it... Tnks

CLUB JACKETS: Every January, the cost to us rises a dollar or two. If you have been putting it off, now is the time to act and save a buck or two. Forms are available at the meeting or via the Secretary...

# **GOT SOMETHING To Sell?**

Let us  
give you  
a hand



**CLASSIFIED ADS**

**FREE!**

For sale: Yaesu FTdx 570 transceiver, clean and working \$300.00, power supply for Galaxie V MK III in spkr / cabinet \$35.00, Ameco TX 86 with manual, no power supply \$15.00.  
Wanted: Good Drake R4 (ABC) at reasonable price. Call Bernie KQ7L at 648-1857

TO BUY - SELL - TRADE call Jim KA7TAC  
246-5457 or 246-2539

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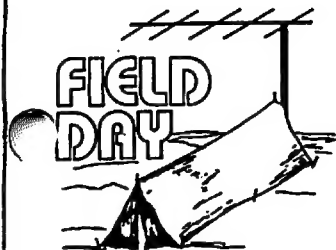
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## THE RESULTS ARE IN!!!!

WE WON!!! Not bad for a club that goes out on FD to 'have a good time'. We must admit that the class we were in had little competition but what the heck, a win is a win. Only six in the 4A-battery and you may wonder why the 3A-battery is shown? That is the class we traditionally have entered. Until this year! It

### 4A-Battery

Oregon Tualatin Valley ARC	
KO7B (+ KA7HOJ)	1674-B-45 -5482
Alameda Co. Repeater Club	
W6HOR (+ KA6LVA)	679-A-20 -5110
VE7-QRP ARC	
VE7QRP	315-A -7 -3290
Northeast Iowa Radio Amateur Assn.	
W0MG	1120-B-30 -2884
Roanoke Valley ARC	
W4CA	644-B-45 -2618
Santa Cruz Co. ARC	
K6BJ	336-B -7 -1330

### 3A-Battery

Chekaw ARS	
K4HAV (+ KA4UGE)	1629-A-17-18,610
Barnesville Area ARC	
W8FYF (+ N8EKR)	1364-A-48-15,260
Williamsburg Area ARC	
K4RC (+ WD4JYQ)	2200-B-35 -7388
Best of Mt. Baldy	
N6UU	731-A-32 -6375
Bellflower ARA	
WA6SFM	774-A -4 -5750
Pocono AR Klub	
W3PM	1174-B-18 -3048

had thirteen groups in it with two at the top being QRP cw efforts. CW QRP gives 4 points per contact and if they do it right they are impossible to beat. Amazing that we beat out two such efforts this year but it could be that they were not in a good location or had some inexperienced ops. The number 3 spot in the 3A class is the Williamsburg group who we used to finish just under. It appears that had we been in that class we might not have faired so well. They have been first in the non-QRP area for, I believe, 4 of the past 5 years. If you are new to this business, the first number after the station call is number of contacts and the letter after that indicates either QRP or 200 watts maximum. A is QRP. The next number indicates how many operators were used and the last number is total score. If you look at our contact total and compare it to the group below us, who were QRP, and then compare the final score, you can see how much difference there is in the scoring process. Anyway, we did pretty good and, who knows, maybe someday we can put up a QRP cw effort and blow the socks off of a few competitors. We had good stations, a quick setup and takedown, a number of people gained some new operating skills and, as usual, we had a great time doing it.....

### INDIA'S NEW PRIME MINISTER IS A HAM!

The world mourns the tragic and senseless assassination of India's Indira Ghandi. It is interesting to note that her son, Rajiv and daughter-in-law, Sonia are both licensed amateur radio operators. (Call Book lists their address as: 1 Safdarjung Rd., New Delhi.)

Rajiv Ghandi, who succeeds his mother as the new Indian head-of-state is VU2RG (his initials) and his wife, VU2SON.

It also looks like they had a little preferential treatment with their call sign assignment... which isn't unusual in foreign circles. While we already have an amateur radio operator head-of-state (King Hussein is JY1 in Jordan), the Ghandi's are the first ham husband/wife head-of-state.

TNKS W5YI

### AUTOMOBILE SATELLITE NAVIGATION....

Chrysler has a new automobile navigation system called CLASS for Chrysler Laser Atlas and Satellite System. A map appears on a screen when a small videodisc (laser atlas) is inserted into the car's console.

You enter data by touching the screen and a computer calculates the car's whereabouts and displays a glowing dot which moves on the screen. The computer automatically changes maps when you pass from one area into another.

CLASS, which adds only \$500 to car cost, taps into the government's NAVSTAR satellites... five are currently in orbit with many more scheduled for launch. Exact locations down to just a few feet are determined by an on-board computer which measures the time differences it takes various satellite signals to reach the automobile's antenna!



●The NFL may enter the electronic age. The National Football League is considering the use of FM radio receivers built into football helmets so that offensive linemen can hear the count of the quarterback who will have the transmitter! The FM radio system, designed by Telex Corporation of Minneapolis, is expected to be used during the 1985 season. The entire system will be less than 3" cubic inches in size and have a range of 50 to 75 yards. It is designed to stay on for only 20 seconds once activated by the quarterback then go dead until reactivated. Also being considered are encrypted FM systems that transmit plays from the coaches to the quarterback. The radios, if approved at the NFL annual meeting in March, will be the first allowed since the 1950s when "electronic devices" were outlawed. Telex also supplies the FM transmitters used by NFL referees.

●After two years of testing, Cableshop home shopping service will debut in January. It will allow consumers to phone order 2 to 7 minute "infomercials" on their television set and then place orders for the advertised merchandise via a toll free number. The all-commercial channel will be satellite delivered to 120 cable systems. Some very big advertisers (Kodak, Amway, Swift, Ford Motor, Levi's, Reynolds Metals, Kraft, Johnson & Johnson... among others) are already signed up at \$26,000 a minute!

●Look for the FCC to set a trend of eliminating, relaxing or allowing the marketplace to set technical standards for commercial AM, FM radio and television. A recent rulemaking called many of technical regulations "overly burdensome". Many rules will be dropped entirely. The Commission will not relinquish its role of promoting spectrum efficiency or protecting users of the spectrum from interference, but will... for the most part... rely on voluntary industry committees to set standards.

●You saw it first on radio! A new high speed radio data transmission technique called "softcasting" (software broadcasting) allows personal computer users to download programs... and even pictures... from local AM or FM radio stations directly into their computer. A \$70 "Shuttle Communicator" manufactured

●Sir Clive Sinclair, the British eccentric that designed, built (in a Scottish wrist watch factory) and marketed the first \$50 computer is at it again. He is searching for integrated chip, computer and software talent to help him design and construct artificial intelligence systems that can be used in home robots.

Thanks to W5YI for the above.

## LAST MINUTE FOR SALE

Drake TR4 with MS4 speaker and Arista model 299 headset. Also a Regency Monitoradio scanner. This is an estate sale. For information and or \$ offers please call K. Bambeck at 245-2634.

## ANOTHER SEASIDE CONVENTION REQUEST

We are looking for help in putting together our seminar program. We have quite a few contact names and all is needed is to get a few more and put a schedule together. Anyone wishing to assist, call Warren, W7JDT at 644-0752. An overall committee meeting will be held early in January so we hope that all of the chairmen will have their act together. Thanks.

## CLUB QSL CARDS

We are temporarily out of business but have a couple of people working on finding another source of printing. Perhaps we will get it going by February or March. Quite a few of you have expressed interest so if you are running low on your existing card supply, hang in there for a bit and see how we do. For now, if you wish to order cards, let the club secretary know so a record can be kept of quantities. It would help out for our first order.



#### OREGON ARRL SECTION MANAGERS REPORT

OREGON: SM, William R. Shrader, W7QMU — STM: W7VSE. SEC: N7CPA. PIO: KC7YN. SGL: KA7KSK. ACC: WB7WTD. RFI: AK7T. OO: N7SC. TC: N7ENI. Upgrades: WB7TWN (General): N7GFX (Tech): KA7SIK KA7TQH KA7TQI (Novice). WB7PIL is newest FCC Auxiliary member, and WA6KLA is the newest Official Observer in Oregon. KA7SOQ has a new bride. OTVARC received "Newsletter of the Month" award from 73 magazine. N7CPA was number 1 in the OTVARC May "Happy Hour" contest. For further info on that one, contact OTVARC members. K7ZIG is the new Oregon section net manager. KA7KNG was on KATU's "Faces and Places." Congrats to these "noteworthy" amateurs and their dol'n's. There is a new Emergency Coordinators net on 3993.5 MHz at 8 P.M. on the first Monday of each month. The net is to coordinate and encourage activities pertaining to ARES or emergency operations. At 9 P.M. on the same night by the NW Division ARRL Net which is open for all ARRL members to learn about and discuss new happenings in NW Division. This net meets on 3893 MHz. Any clubs desiring info on Special Service status or info on the NW Amateur Radio Council of Clubs should contact WB7WTD. OSN report: QNI 491, QTC 315. Traffic: W7VSE 825, KN7B 412, AL7W 175, K7OVK 147, WA7VTD 121, WB7OEX 72, KM7Z 62, KX7W 58, N7BGW 41, KA7AID 38, W7LNE 21, KX7T 20, W7DAN 15. (Aug.) KA7AID 48.

#### WHO TO CALL FOR WHAT

*PUBLIC SERVICE	Sherrill Smith	KA7KNG	
*CLUB CONTESTS	Jeff Freedman	K7JF	641-5636
*TECHNICAL	Dee Lynch	KA7HPN	646-4580
*PROJECT NIGHT	Terry Biggs	WB7CHK	648-3687
*PUBLIC RELATIONS			
*CLUB RAFFLE	Gino Buell	KA7KBH	646-7991
*MEETING PROGRAMS	John Haide	WA7CZA	246-8086
*CLUB SOCIALS	Paul Lucas	WB6SHR	641-8703
*EMERGENCY SERVICE	Randy Stimson	K27T	297-1175
*TRAINING (classes)	Randy Cobb	KA7HJT	649-5066
CLUB JACKETS	Warren Winner	W7JDT	644-0752
ARRG INFO	Warren Winner	W7JDT	644-0752
CLUB BADGES	Linda Cereghino	N7CZY	643-5862
ROSTER CHANGES	Linda Cereghino	N7CZY	643-5862
CLUB QSL CARDS			
CLUB T-SHIRTS			
*ARRL MEMBERSHIP			.9095
CLUB SCRAPBOOK	Doc Miller	KA7BSD	292-8090
CLUB JING	Doug Bull	N7CDI	649-4540
NEWSLETTER	Al Berg	WB7SIC	640-5456
*CONVENTION	Al Berg	WB7SIC	640-5456

\* (indicates committee)

#### CLUB ARRL APPOINTEES

ARES District Emergency Co-Ordinator K27T  
ARRL Assistant Director and Club Liaison WB7SIC

## MEETING PROGRAM

Aside from making known who our new officers for 1985 will be, we have an expert in computers coming to tell us all about what to look for in low cost computers. What do you get for your money in several of the brands now available. At this point, there are two companies willing to supply the expertise but no decision has been made as to who will be picked. Rest assured, either will be a good show....CU there.

## LAST MINUTE NEWSY NOTES

Got another upgrade to report. David Palmrose N7FCA, upgraded to general class. CONGRATS!

Gib Gibson, outgoing Vice Director of the 7 land division will be attending, with his wife, our Christmas party. NEAT!!!

## OTVARC Members Help With Car Rally

A number of OTVARC members recently had a hand in the highly successful communications operations connected with the Sports Car Club of America/Oregon Trail National PRO Rally, which occurred in the Metro area, November 16, 17 and 18.

Special thanks are due to Roy Nunley, N7DUJ; Randy Stimson, KZ7T; and to Sherrill Smith, KA7KNG; for helping to organize the rally communications. Roy was particularly a great help to us, in that he made himself available to us for a couple of diverse assignments in the field during the 3-day period. The greatest help provided, however, came from all 3, in their giving me names and numbers of likely suspects.

Other OTVARC people out there included Bud, KC7PS; Willie, N7DZR; Lorna, KA7RFD; Susan, N7EPE; Jim, KA7SOQ; Ron, KA7SIK; Gino, KA7KBH; Neil, WA6KLA; John, KA6SSF; and Ron, W6TRO.

Sherrill, who had been called out of town on business and who wasn't expected back by rally time, sneaked out to Molalla with Jennie, KA7SSX, and they DFed Net Control, in the middle of Saturday evening. Randy and Lorna ended up having to sweep the last stage at the Tree Farm early Sunday morning, due to a SNAFU on the course.

As the principal organizer of the ham communications for this event, I wish to thank each and every one of you for your prodigious help and for the time you put in on it. You went a long way toward making the project fly, and we appreciate it very much!

-H. Lea T. Ball, AL7W  
Vice President, Portland ARC

## HAPPY HOLIDAYS TO ALL

When a young lady asked a doctor if the scar would show he assured her that this would be entirely up to her.



CU AT THE MEETING 'SIC'

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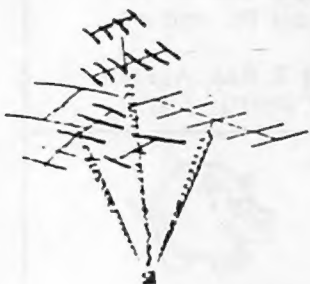
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